

Tetradeca-1,13-diene  
21964-49-8 | DTXSID80176373

Model Performance

Model	Data
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Weighted KNN model

5-fold CV (75%)		Training (75%)		Test (25%)	
Q2	RMSE	R2	RMSE	R2	RMSE
0.85	1.14	0.85	1.12	0.83	1.23

## Model Results

**Predicted value:**  $1.47 \times 10^{-10}$  cm<sup>3</sup>/molecule\*sec

**Global applicability domain:** Inside

**Local applicability domain index:**  $2.65 \times 10^{-1}$

**Confidence level:**  $8.84 \times 10^{-1}$

## Nearest Neighbors from the Training Set

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3-Methylidene-6-(propan-2-yl)cyclohexene

**Measured:**  $1.68 \times 10^{-10}$

**Predicted:**  $1.63 \times 10^{-10}$

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Linalool

**Measured:**  $1.60 \times 10^{-10}$

**Predicted:**  $1.65 \times 10^{-10}$

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2-Methylhexa-1,5-diene

**Measured:**  $9.60 \times 10^{-11}$

**Predicted:**  $9.53 \times 10^{-11}$

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Myrcene

**Measured:**  $2.15 \times 10^{-10}$

**Predicted:**  $2.05 \times 10^{-10}$